DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. LEX-0167-USA

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Novel Human Kinase Proteins and Polynucleotides Encoding the Same

the specification of which is attached hereto unless the following box is checked:

() was filed on _____ as US Application Serial No. or PCT International Application Number ____ and was amended on (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: NO:
			YES: NO:

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE
60/199,499	4/25/2000
60/201,227	5/1/2000

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Lance K. Ishimoto, Reg. No. 41866

Send Correspondence to:		Direct Telephone Calls	To:	
Lance K. Ishimoto Lexicon Genetics Incorporated	 	Lance K. Ishimoto (281) 863-3333	• • • • • • •	
4000 Research Forest Drive The Woodlands, TX 77381	•	44		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Yi Hu	Citizenship: People's Rep. China	
Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381		· ·
Post Office Address: Same		
Muy	6-21-01	
Inventor's Signature	Date	

FOR PATENT APPLICATION (continued) Full Name of Inventor: Boris Nepomnichy	Citizenship: USA
	Cluzensmp: 05A
Residence: 905 Cypress Station Dr. #1515, Houston, TX 77909	
Post Office Address: Same	
Inventor's Signature	Date
The state of the s	
Full Name of Inventor: Xiaoming Wang	Citizenship: China
Residence: 4088 Commercial Ave., Northbrook, IL 60062	<u> </u>
Post Office Address: Same	
Inventor's Signature	Date
Threaton's Signature	Date
Full Name of Inventor: Gregory Donobo	Citizenship: USA
Residence: 95 Autumn Branch Drive, The Woodlands, TX 77382	
Post Office Address: Same	
\mathcal{Y}	
Dregny Yonolw	5/15/61
Inventor's Signature	Date
	*
Full Name of Inventor: John Scoville	Citizenship: USA
Residence: 8222 Kingsbrook Dr. #543, Houston, TX 77024	
Post Office Address: Same	
Inventor's Signature	Date
Full Name of Inventor: <u>D. Wade Walke</u>	Citizenship: <u>USA</u>
Residence: 7507 Danehill Drive, Spring, TX 77389	
Post Office Address: Same	
Post Office Address: Same	
D. Zule Zulla	4/21/01
Inventor's Signature	Date

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. LEX-0167-USA

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Lance K. Ishimoto, Reg. No. 41866

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	1절 관취 교회			
Lance K. Ishimoto			Lance K. Ishimoto (281) 863-3333	
Lexicon Genetics Incorporated 4000 Research Forest Drive			(281) 803-3333	
The Woodlands, TX 77381				

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Full Name of Inventor: Yi Hu	Citizenship: People's Rep. China	
Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381		
Post Office Address: Same		
nventor's Signature	Date	

Full Name of Inventor: Boris Nepomnichy	Citizenship: USA
Residence: 905 Cypress Station Dr. #1515, Houston, TX 77909	
ost Office Address: Same	
nventor's Signature	Date
ull Name of Inventor: Xiaoming Wang	Citizenship: China
	Списывир. Спига
Residence: 4088 Commercial Ave., Northbrook, IL 60062	
ost Office Address: Same	
Trang Warf	07-04-01
nventor's Signature	Date
	·
ull Name of Inventor: Gregory Donoho	Citizenship: <u>USA</u>
	Citizensinp: OSA
Residence: 95 Autumn Branch Drive, The Woodlands, TX 77382	·
Post Office Address: Same	
nventor's Signature	Date
ull Name of Inventor: John Scoville	Citizenship: USA
	Citations, 60A
Residence: 8222 Kingsbrook Dr. #543, Houston, TX 77024	· · · · · · · · · · · · · · · · · · ·
ost Office Address: Same	
nventor's Signature	Date
ull Name of Inventor: D. Wade Walke	Citizenship: USA
4	Списизир. ООЛ
esidence: 7507 Danehill Drive, Spring, TX 77389	
ost Office Address: Same	· · · · · · · · · · · · · · · · · · ·
oventor's Signature	Date

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Lance K. Ishimoto, Reg. No. 41866

Send Correspondence to:

Lance K. Ishimoto
Lexicon Genetics Incorporated

Direct Telephone Calls To:

Lance K. Ishimoto
(281) 863-3333

4000 Research Forest Drive
The Woodlands, TX 77381

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Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Yi Hu

Citizenship: People's Rep. China

Post Office Address: Same

Inventor's Signature

Date

DECLARATION AND POWER OF ATTORNATION AND POWER OF ATTORNATION (continued)	ATTO. LY DOCKET NO. LEX-0167-USA
Full Name of Inventor: Boris Nepomnichy	Citizenship: <u>USA</u>
Residence: 905 Cypress Station Dr. #1515, Houston, TX 77909	_
Post Office Address: Same	
Inventor's Signature	Date
Full Name of Inventor: Xiaoming Wang	Citizenship: China
Residence: 4088 Commercial Ave., Northbrook, IL 60062	
Post Office Address: Same	
Inventor's Signature	Date
	•
Full Name of Inventor: Gregory Donoho	Citizenship: USA
Residence: 95 Autumn Branch Drive, The Woodlands, TX 77382	
Post Office Address: Same	
Grann Yonolw	5/15/61
Inventor's Signature	Date
Full Name of Inventor: <u>John Scoville</u>	Citizenship: <u>USA</u>
Residence: 8222 Kingsbrook Dr. #543, Houston, TX 77024	
Post Office Address: Same	
Mul Saller	6/6/01
Inventor's Signature	Date
•	
Full Name of Inventor: <u>D. Wade Walke</u>	Citizenship: <u>USA</u>
Residence: 7507 Danehill Drive, Spring, TX 77389	
Post Office Address: Same	
Inventor's Signature	Date

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Send Correspondence to:	Direct Telephone Calls To:	7 15 W
Lance K. Ishimoto Lexicon Genetics Incorporated 4000 Research Forest Drive The Woodlands, TX 77381	Lance K. Ishimoto (281) 863-3333	
I hereby declare that all statements made herein of my own knowledge a	re true and that all statements made on information and belief a	re believed to be true; ar

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Yi Hu	Citizenship: People's Rep. China	
Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381		
Post Office Address: Same		
Inventor's Signature	Date	

FOR ATENT APPLICATION (continued) Full Name of Inventor: Boris Nepomnichy	Citizanchin: IISA
	Citizenship: USA
Residence: 905 Cypress Station Dr. #1515, Houston, TX 77909	
Post Office Address: Same	
B. Nepomnicky	6-5-01
Inventor's Signature	Date
Full Name of Inventor: Xiaoming Wang	Citizenship: China
Residence: 4088 Commercial Ave., Northbrook, IL 60062	
Post Office Address: Same	
Inventor's Signature	Date
· ·	
Full Name of Inventor: Gregory Donoho	Citizenship: USA
Residence: 95 Autumn Branch Drive, The Woodlands, TX 77382	
Post Office Address: Same	
Ingam Donoh	5/15/01
Inventor Signature	Date
Full Name of Inventor: John Scoville	Citizenship: <u>USA</u>
Residence: 8222 Kingsbrook Dr. #543, Houston, TX 77024	
Post Office Address: Same	
	·
Inventor's Signature	Date
Full Name of Inventor: D. Wade Walke	Citizenship: USA
Residence: 7507 Danehill Drive, Spring, TX 77389	
Post Office Address: Same	

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Lexicon Genetics Incorporated

a corporation organized under the laws of the state of as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Novel Human Kinase Proteins and Polynucleotides Encoding the Same

described in an application for Letters Patent of the United States, identified as Attorney Docket No. <u>LEX-0167-USA</u>, at Lexicon Genetics Incorporated 4000 Research Forest Drive, The Woodlands, TX 77381, and filed on <u>4/24/2001</u>, as Application Serial No. <u>09/841,683</u>, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Lance K. Ishimoto, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Inventor (signature)

DATE

Yi Hu
(Inventor's Typed Name)

STATE OF TEXAS
) SS

COUNTY OF MONTGOMERY)

On this day of day of day of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

MICHELLE KLEIN
Notary Public, State of Texas
My Commission Expires:

MICHELLE KLEIN
Notary Public, State of Texas
My Commission Expires:

B Nepon	ruly	8-23-01	-
inventor (signature)	V	DATE	
Boris Nepomnichy (Inventor's Typed Name)			·
STATE OF TEXAS)		
	basis of satisfactory evidence to same of his/her own free will for the temperature of Texas sion Expires	be the same individual who executed the foregoing as the use and purposes therein set forth. NOTARY PUBLIC My Commission Expires:	oris Nepomnichy who is personally ssignment, and who acknowledged
Inventor (signature)	Wang	07-09-01 DATE	
Xiaoming Wang (Inventor's Typed Name)		_	
STATE OF TEXAS ILLING COUNTY OF MONTGOMER	∑⊆) ss ¥)		
On this day of or proved to me on the basis o	TUY 2001	, before me personally came the above named Xiaomi same individual who executed the foregoing assignment and purposes therein set forth.	ng Wang who is personally known ent, and who acknowledged to me
OFFICIAL TAMRA J NOTARY FUELIC, ST NY COMMESSIONE	. SEAL § SMITH § ATE OF PLINOUS §	Santa Sniett NOTARY PUBLIC My Commission Expires: 5/21/04	<u>L</u>
Inventor (signature)		DATE	
Gregory Donoho (Inventor's Typed Name)	<u> </u>	-	
STATE OF)		* *
COUNTY OF) SS)		
On this day of or proved to me on the basis of		, before me personally came the above named Gregory same individual who executed the foregoing assignme and purposes therein set forth.	Donoho who is personally known int, and who acknowledged to me
		NOTARY PUBLIC	
		My Commission Expires:	

Page 2 of 3

Inventor (signature)	DATE
John Scoville	·
(Inventor's Typed Name)	
STATE OF TEXAS)	
) SS COUNTY OF MONTGOMERY)	·
On this,,	, before me personally came the above named John Scoville who is personally known
or proved to me on the basis of satisfactory evidence to be that he/she executed the same of his/her own free will for the u	ne same individual who executed the foregoing assignment, and who acknowledged to me
and no sic executed the same of market own nee win for the tr	se and purposes dietern set forui.
	NOTARY PUBLIC
	My Commission Expires:
	•
D- Zule Wuller Inventor (signature)	
D. Wade Walke (Inventor's Typed Name)	
STATE OF TEXAS)	
) SS	
COUNTY OF MONTGOMERY)	
On this 121 day of WWW 201	before me personally came the above named D. Wade Walke who is personally known
or proved to me on the basis of satisfactory evidence to be the that he/she executed the same of his/her own free will for the us	e same individual who executed the foregoing assignment, and who acknowledged to me
and no site executed the same of institet own fee will for the as	and purposes incremiser form.
	Michelle Klew
MICHELLE KLEIN	NOTARY PUBLIC
Notary Public, State of Texas My Commission Expires February 13, 2005	My Commission Expires: 2113105

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Lexicon Genetics Incorporated

a corporation organized under the laws of the state of as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

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We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

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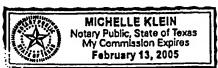
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IN WITNESS WHEREOF, we have hereunto signed our name(s) on the day and year set forth below.

Inventor (signature)	DATE					
Yi Hu						
(Inventor's Typed Name)						
STATE OF TEXAS)) SS				. •	٠.	
COUNTY OF MONTGOMERY)	•		*			
On this day of,to me on the basis of satisfactory evidence to be the sa executed the same of his/her own free will for the use an	rme individual who executed the	came the abo	ve named <u>Yi Hi</u> signment, and v	ı who is per vho acknow	sonally know ledged to me	n or proved that he/she
	NOTARY PUBLIC					
	My Commission Expi	res:		_		

Inventor (signature)	DATE
Boris Nepomnichy	
(Inventor's Typed Name)	
STATE OF TEXAS)	
) SS	
COUNTY OF MONTGOMERY)	
On this,	, before me personally came the above named Boris Nepomnichy who is personally
known or proved to me on the basis of satisfactory evidence	to be the same individual who executed the foregoing assignment, and who acknowledged
to me that he/she executed the same of his/her own free will for	the use and purposes therein set forth.
	NOTARY PUBLIC
	NOTARTIOBLE
	My Commission Expires:
Inventor (signature)	DATE
Xiaoming Wang	•
(Inventor's Typed Name)	
OTTATE OF THE VA	
STATE OF TEXAS) SS	
COUNTY OF MONTGOMERY)	'.
On this	, before me personally came the above named Xiaoming Wang who is personally known
or proved to me on the basis of satisfactory evidence to be the	e same individual who executed the foregoing assignment, and who acknowledged to me
that he/she executed the same of his/her own free will for the us	
	NOTARY PUBLIC
	My Commission Expires:
_	
α	, 1
Tresony Yourho	5/15/21
	DATE
Inventor (signa(dre)	DATE
Gregory Donoho	- ,
(Inventor's Typed Name)	
STATE OF HXAS	
COUNTY OF MONTADMEYS	
15000 1 1 01 01 01 01 01 01 01 01 01 01 01	·
On this Will day of MAY	_, before me personally came the above named <u>Gregory Donoho</u> who is personally known
or proved to me on the basis of satisfactory evidence to be the that he/she executed the same of his/her own free will for the us	e same individual who executed the foregoing assignment, and who acknowledged to me
	11:11:10:1
	NMMXM Klein
MICHELLE KLEIN	NOTARY PUBLIC



My Commission Expires:

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11. 8.111	6/20/1
Inventor (signature)	DATE
John Scoville	
(Inventor's Typed Name)	
STATE OF TEXAS)) SS	
COUNTY OF MONTGOMERY)	. 2001, before me personally came the above named John Scoville who is personally known to be the same individual who executed the foregoing assignment, and who acknowledged to me
or proved to me on the basis of satisfactory evidence that he/she executed the same of his/her own free will	
MICHELLE KLEIN Notary Public, State of Texas My Commission Expires February 13, 2005	MULL NEW NOTARY PUBLIC My Commission Expires: 213105
Inventor (signature)	DATE .
D. Wade Walke	
(Inventor's Typed Name)	
STATE OF TEXAS)) SS	;
COUNTY OF MONTGOMERY)	
On this day of	, before me personally came the above named <u>D. Wade Walke</u> who is personally known to be the same individual who executed the foregoing assignment, and who acknowledged to me I for the use and purposes therein set forth.
	NOTARY PUBLIC
	My Commission Expires: